

Answer Key for Weber Model Case 2

Name:

Hour:

Date:

Answer Key for Handout: Case 2

- Factory at M
Resource 1 from R1 to M: 100 miles x 2,000 tons = 200,000 ton miles Resource 2 from R2 to M: 100 miles x 2,000 tons = 200,000 ton miles Total at M: 400,000 ton miles.
- Factory at X
Resource 1 from R1 to X: 50 miles x 2,000 tons = 100,000 ton miles Resource 2 from R2 to X: 50 miles x 2,000 tons = 100,000 ton miles Final product from X to M: 87 miles x 2,000 tons = 174,000 ton miles Total at X: 374,000 ton miles;
- Factory at R1
Resource 2 from R2 to R1: 100 miles x 2,000 tons = 200,000 ton miles Resource 1 from R1 to R1: not necessary to transport to site.
- Final product from R1 to M
100 x 2,000 tons = 200,000 ton miles Total at R1: 400,000 ton miles.
- Factory at R2
Resource 1 from R1 to R2: 100 miles x 2,000 tons = 200,000 ton miles Resource 2 from R2 to R2: not necessary to transport to site.
- Final product from R2 to M
100 miles x 2,000 tons = 200,000 ton miles Total at R2: 400,000 ton miles.